

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A horn antenna system for generating a radiating signal, comprising:

a first horn antenna means having a first horn antenna and a first ground unit made of metal, for radiating a signal based on an energy;

a second horn antenna means having a second horn antenna and a second ground unit made of metal, for receiving the energy and reflecting the signal to allow said first horn antenna means to radiate the signal energy to thereby generate a reflected signal to be radiated from the first horn antenna means; and

a feeding means located between said the first horn antenna means and said the second horn antenna means, for feeding the energy to said the first horn antenna means and said the second horn antenna means, wherein said the feeding means is a stripe line,

wherein the signal and the reflected signal are combined into the radiating signal.

2. (Currently Amended) The horn antenna system as recited in claim 1, further comprising means for electrically coupling said the first horn antenna means and said the second horn antenna means.

3. (Currently Amended) The horn antenna system as recited in claim 1, wherein a ground plane of said the feeding means is a metal plane of the first ground unit or the second ground unit.

4. (Currently Amended) A horn antenna system having a first horn antenna means having a first horn antenna and a first ground unit made of metal, for radiating a signal based on an energy; and a second horn antenna means having a second horn antenna and a second ground unit made of metal, for receiving the energy and reflecting the signal to allow said first horn antenna

~~means to radiate the signal energy to thereby generate a reflected signal to be radiated from the first horn antenna means, comprising:~~

a feeding means located between the first horn antenna means and the second horn antenna means, for feeding the energy to the first horn antenna means and the second horn antenna means, wherein a ground plane of the feeding means is the first ground unit or second ground unit.

5. (New) The horn antenna system as recited in claim 4, further comprising means for electrically coupling the first horn antenna means and the second horn antenna means.